

drive assist means for detecting a drive condition and checking if the vehicle backs for parking, the drive assist means, when the vehicle backs, for displaying drive assist information for parking; and

safety check means for checking the parking drive ends on the basis of the result of the obstacle detection by the obstacle sensor, and when the parking drive ends, the safety check means for causing the display means to display the end of the parking drive.

53. (Amended) A vehicle parking assist device comprising:

a camera for picking up an image in a frontward area of a vehicle;

display means for displaying the image from the camera;

storing means for reading and storing the image picked up by the camera; and

drive assist means for acquiring information for a vehicle drive assist on the basis of the image stored in the storing means.

65 56. (Amended) A vehicle parking assist device for assisting a driver in a parking operation comprising:

a camera for picking up an image of an area existing in an advancing direction of a vehicle;

display means for displaying the image from the camera;

parking position detecting means for detecting a target parking position in which the vehicle is to be parked based on the image picked up by the camera;

steering angle calculating means for calculating a steering angle necessary for the moving of the vehicle to the target parking position detected by the parking position detecting means;

steering angle detecting means for detecting a steering angle of the vehicle; and

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parking assist means for presenting a steering operation guide to the driver on the basis of the result of comparing a steering angle detected by the steering angle detecting means with a steering angle calculated by the steering angle calculating means.

67 68 (Amended) A vehicle parking assist device for assisting a driver in his parking operation comprising:

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a camera for picking up an image of an area existing in an advancing direction of a vehicle;

display means for displaying the image from the camera;

parking space recognizing means for detecting a parking space in which the vehicle is to be parked, based on the image picked up by the camera; and

parking assist means for judging as to if a parking stopper for blocking the advancing of the vehicle exists in the parking space recognized by the parking space recognizing means and for informing the driver of the result of the judgment.

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75 76 (Amended) A vehicle parking assist device for assisting a driver using image information when he backs a vehicle into a parking space, the vehicle parking assist device comprises:

a camera for picking up a scene of a backward area of the vehicle;

display means for displaying the image of the backward area picked up by the camera, the display means having a screen;

plane model generating means for generating from the backward area image picked up by the camera a plane model containing a parking space in which a self vehicle is to be parked and the parking spaces located adjacent to the parking space, together with the self vehicle and other vehicles being parked; and

parking assist means for effecting a parking assist by displaying a plane model generated by the plane model generating means on the screen of the display means, wherein a